

AMENDMENTS TO THE SPECIFICATION

In the Specification

Please substitute the following amended paragraph(s) and/or section(s) (deleted matter is shown by strikethrough and added matter is shown by underlining):

Please delete the heading "Summary of the Invention" from its current position at page 5, line 6:

~~Summary of the Invention~~

According to one aspect of the present invention, there is provided, a method for locating the boundary of a hydrocarbon-containing reservoir in subterranean strata, which comprises: deploying an electromagnetic transmitter; deploying an electromagnetic receiver; applying an electromagnetic (EM) field to the strata using the transmitter; detecting the EM wave field response using the receiver; analysing the response to determine the presence or absence of a hydrocarbon-containing reservoir; moving the receiver to another location; and repeating the procedure; in which method, the path taken by the receiver in moving from location to location is determined by the signal characteristics of previously detected EM wave field responses. When nearing the reservoir boundary, the edge effects, being a drop in detected magnitudes, will be identified. By measuring in different directions, the reservoir is delineated.

and re-insert it at page 1, line 21:

Summary of the Invention

It is therefore an object of the invention to provide a system for locating the boundaries of a subterranean reservoir in real time.